(lambda (x y radius)

(lambda (msg)

(if (eq? msg 'area) ((lambda ()

(\* (square radius) pi)) )

(if (eq? msg 'perimeter) ((lambda ()

(\* 2 pi radius)) )

#f)))

)

List of Exps:

3.14

(lambda (x) \* x x)

(lambda (x y radius) (lambda (msg) (if (eq? msg 'area) ((lambda () (\* (square radius) pi)) ) (if (eq? msg 'perimeter) ((lambda () (\* 2 pi radius)) ) #f))))

(circle 0 0 3)

circle

0

0

3

(lambda (msg\_\_1) (if (eq? msg\_\_1 'area) ((lambda () (\* (square 3) pi)) ) (if (eq? msg\_\_1 'perimeter) ((lambda () (\* 2 pi 3)) ) #f)))

(c 'area)

c

'area

(if (eq? 'area 'area) ((lambda () (\* (square 3) pi)) ) (if (eq? 'area 'perimeter) ((lambda () (\* 2 pi 3)) ) #f))

(eq? 'area 'area)

eq?

'area

'area

((lambda () (\* (square 3) pi)) )

(lambda () (\* (square 3) pi))

(\* (square 3) pi)

\*

(square 3)

square

3

\*

3

3

A diagram of a mathematical system

Description automatically generated with medium confidencePi